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5' ATAACTTCGTATAG <u>GCATACATT</u> TATACGAAGTTAT 3'	WT <i>loxP</i>
3' TATTGAAGCATAT <u>CGTATGTA</u> AATATGCTTCAATA 5'	SEQ ID NO:35 (5'>3')
5' ATAACTCTATATAG <u>GCATACATT</u> TATATAGAGTTAT 3'	WT <i>loxM7</i>
3' TATTGAGATATAT <u>CGTATGTA</u> AATATATCTCAATA 5'	SEQ ID NO:36 (5'>3')
5' ATAACTTCGTATAG <u>GCATACATT</u> TATATAGAGTTAT 3'	<i>loxP</i> - <i>M7</i>
3' TATTGAAGCATAT <u>CGTATGTA</u> AATATATCTCAATA 5'	SEQ ID NO:37 (5'>3')
3' ATAACTCTATATAG <u>GCATACATT</u> TATACGAAGTTAT 5'	<i>M7</i> - <i>loxP</i>
5' TATTGAGATATAT <u>CGTATGTA</u> AATATGCTTCAATA 3'	SEQ ID NO:38 (5'>3')

Figure 1A

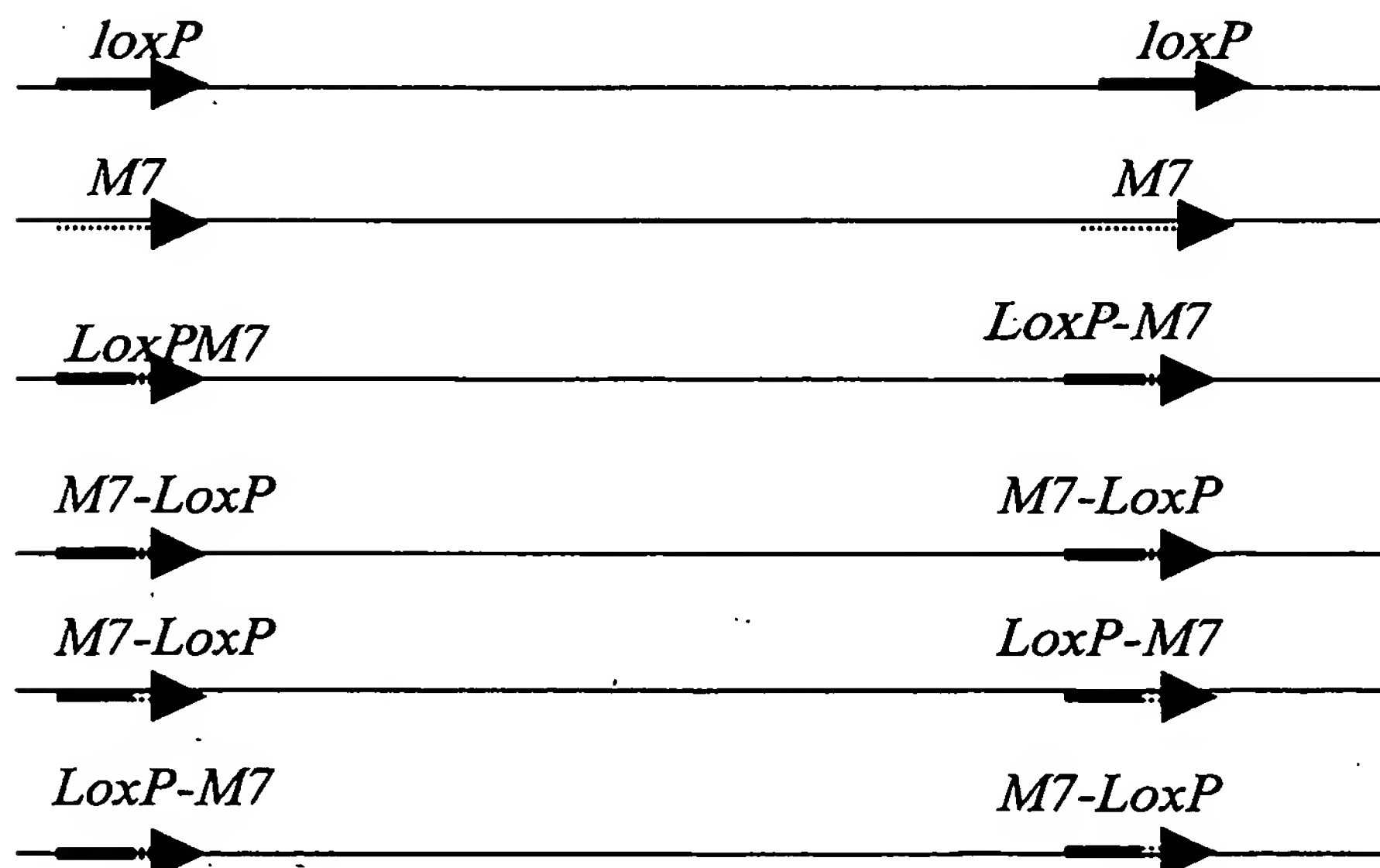


Figure 1B

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<u>loxP:</u>		SEQ ID NO			
WT loxP	39	Xho-Bam	XhoI	CTCGAGATAACTTCGTATAGGCATACATTATACGAAGTTATGGATTC	BamHI
		Bam-Xho		GAGCTCTATTGAAGCATATCGTATGTAATATGCTTCAATACCTAGG	
	40	Eco-Pst	EcoRI	GAATTCATAACTTCGTATAGGCATACATTATACGAAGTTATCTGCAG	PstI
		Pst-Eco		CTTAAGTATTGAAGCATATCGTATGTAATATGCTTCAATAGACGTC	
<u>loxM7:</u>					
WT loxM7	41	Xho-Bam	XhoI	CTCGAGATAACTCTATATAGGCATACATTATATAGAGTTATGGATTC	BamHI
		Bam-Xho		GAGCTCTATTGAGATATATCGTATGTAATATATCTCAATACCTAGG	
	42	Eco-Pst	EcoRI	GAATTCATAACTCTATATAGGCATACATTATATAGAGTTATCTGCAG	PstI
		Pst-Eco		CTTAAGTATTGAGATATATCGTATGTAATATATCTCAATAGACGTC	
<u>loxP-M7:</u>					
loxP-M7	43	Xho-Bam	XhoI	CTCGAGATAACTTCGTATAGGCATACATTATATAGAGTTATGGATTC	BamHI
		Bam-Xho		GAGCTCTATTGAAGCATATCGTATGTAATATATCTCAATACCTAGG	
	44	Eco-Pst	EcoRI	GAATTCATAACTTCGTATAGGCATACATTATATAGAGTTATCTGCAG	PstI
		Pst-Eco		CTTAAGTATTGAAGCATATCGTATGTAATATATCTCAATAGACGTC	

Figure 1C

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Figure 2A

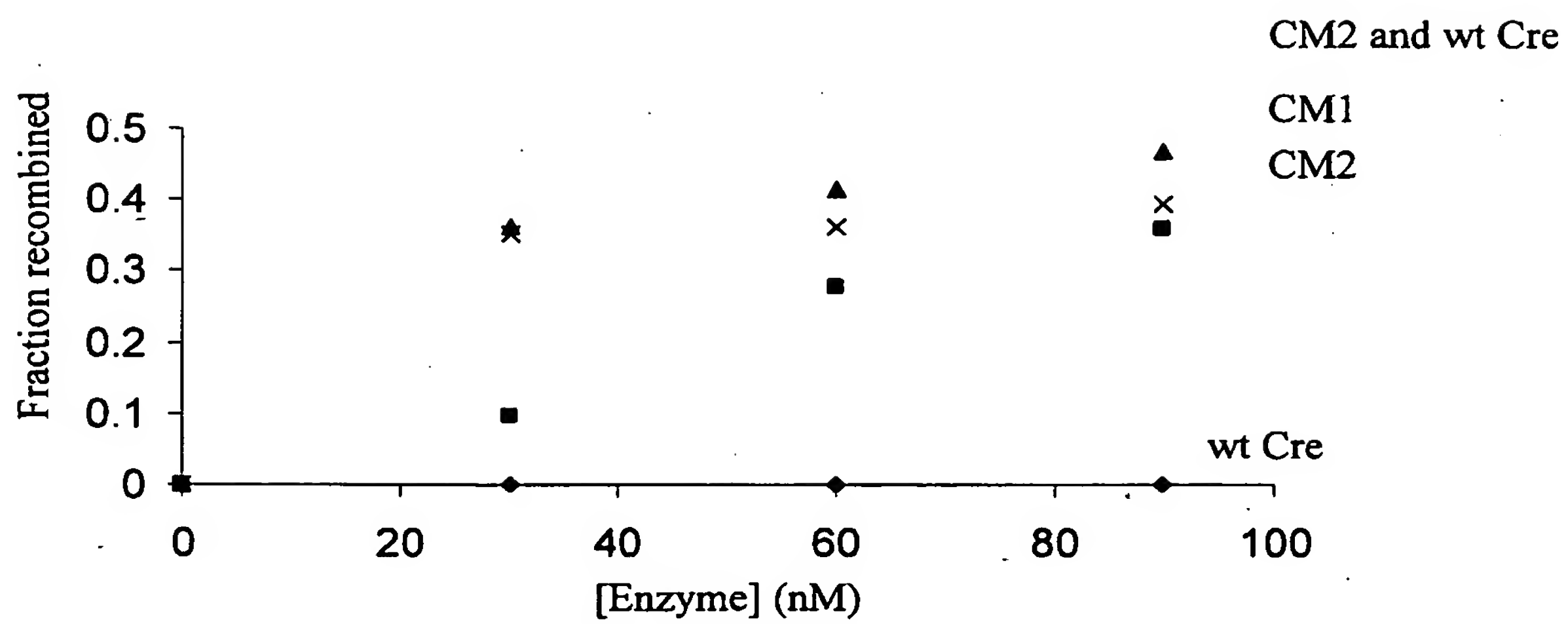


Figure 2B

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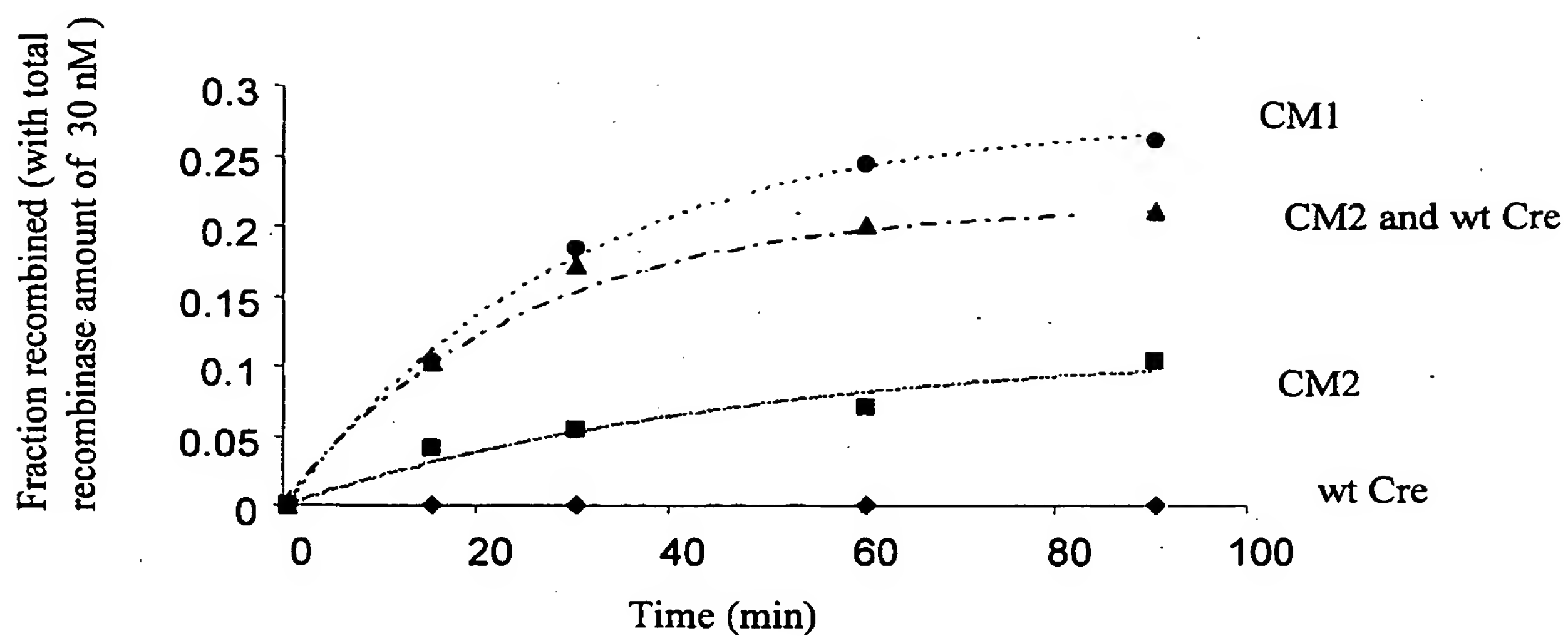


Figure 3A

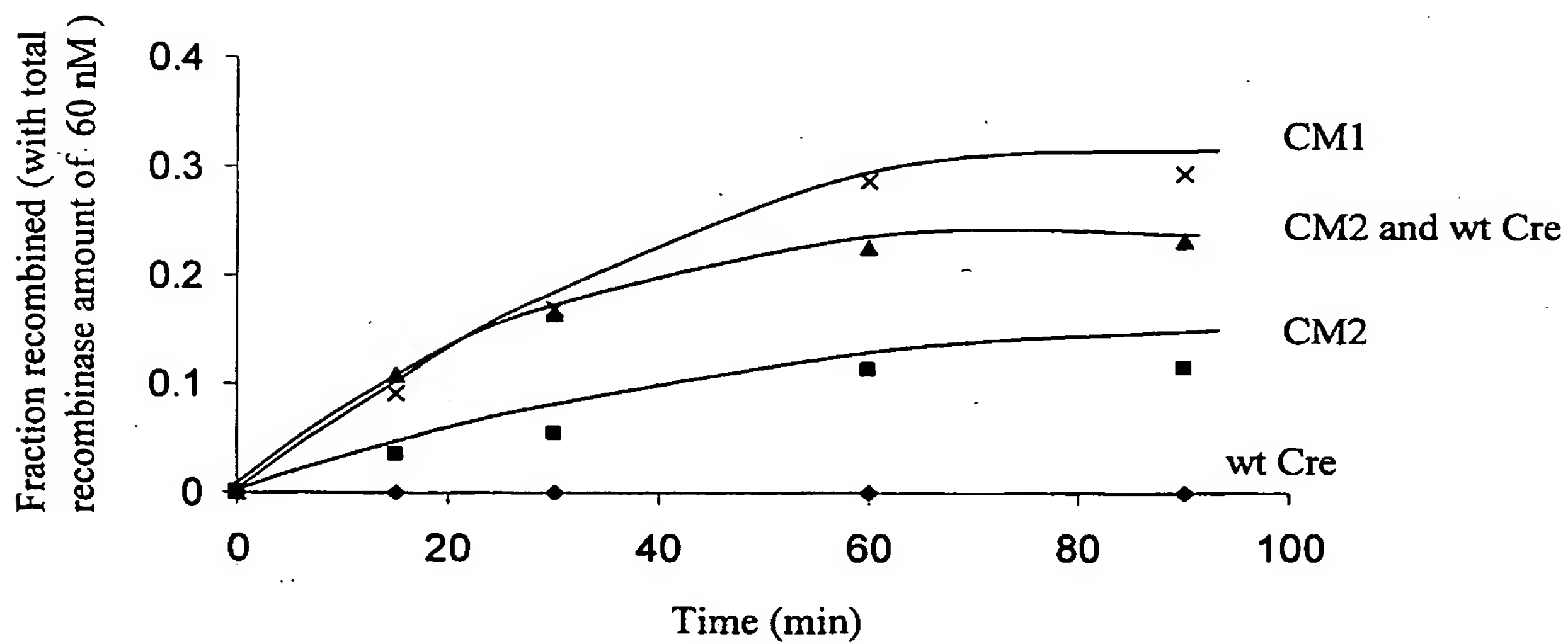


Figure 3B

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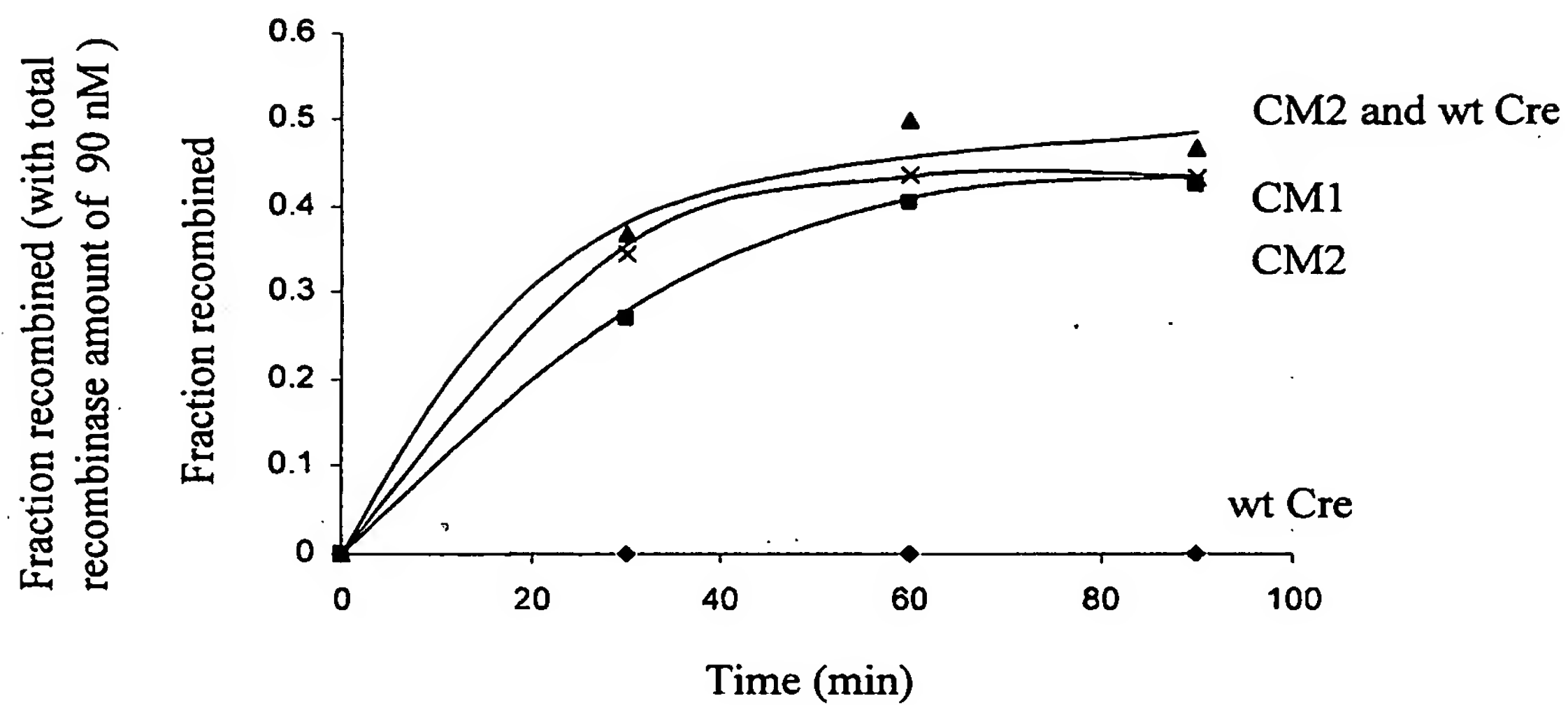


Figure 3C

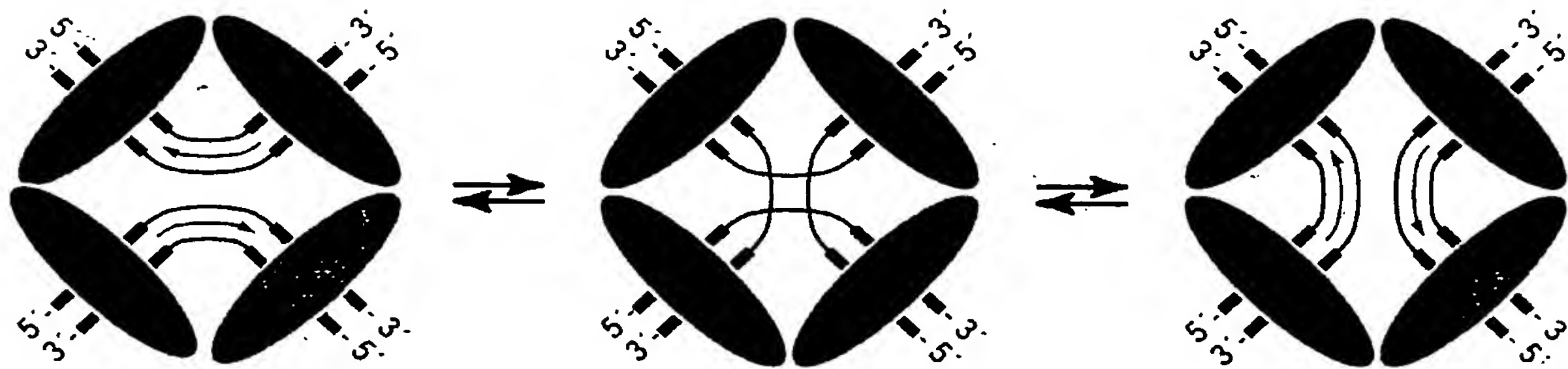


Figure 4

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Left	Spacer	Right
<i>loxP</i> (wt, symmetric): ATAACTTCGTATA	<b>ATGTATGCT</b>	TATACGAAGTTAT
SEQ ID NO:45		
<i>lox-LTR</i> (asymmetric): TCAAGTTAGTACC	<b>AGTTGAACC</b>	CAGAGCAAGTAGA
SEQ ID NO:46		

Figure 5

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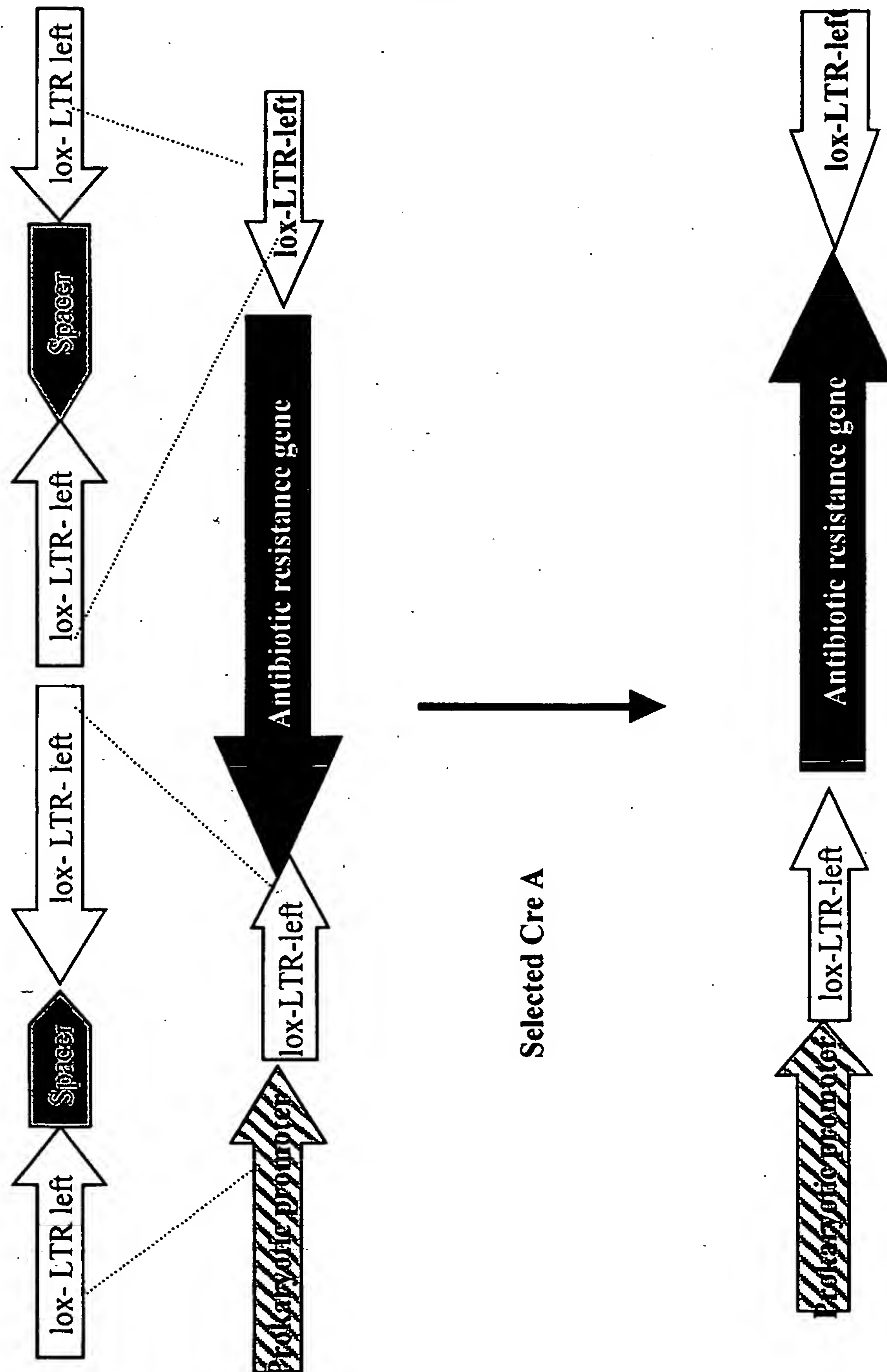


Figure 6A

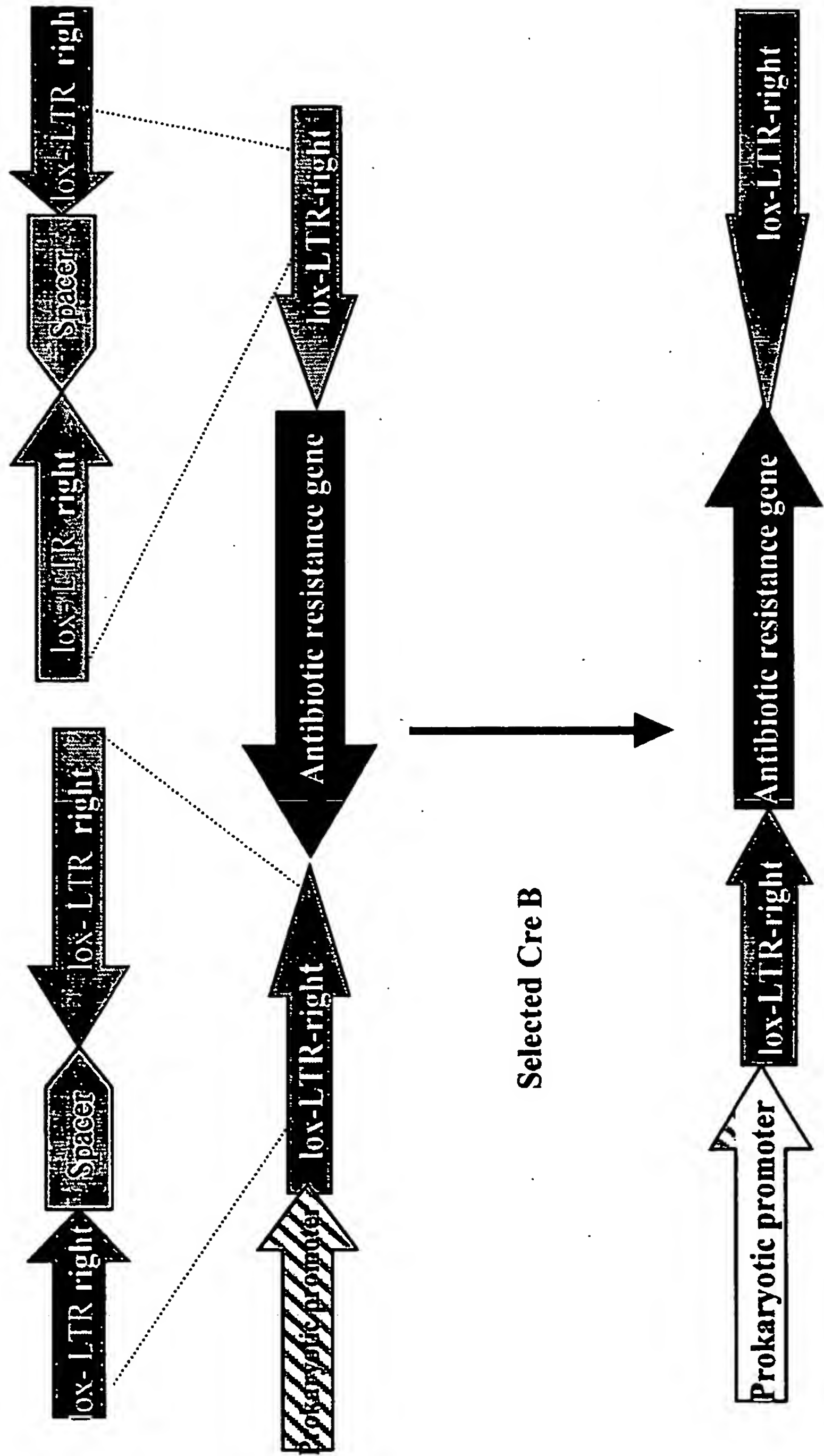


Figure 6B



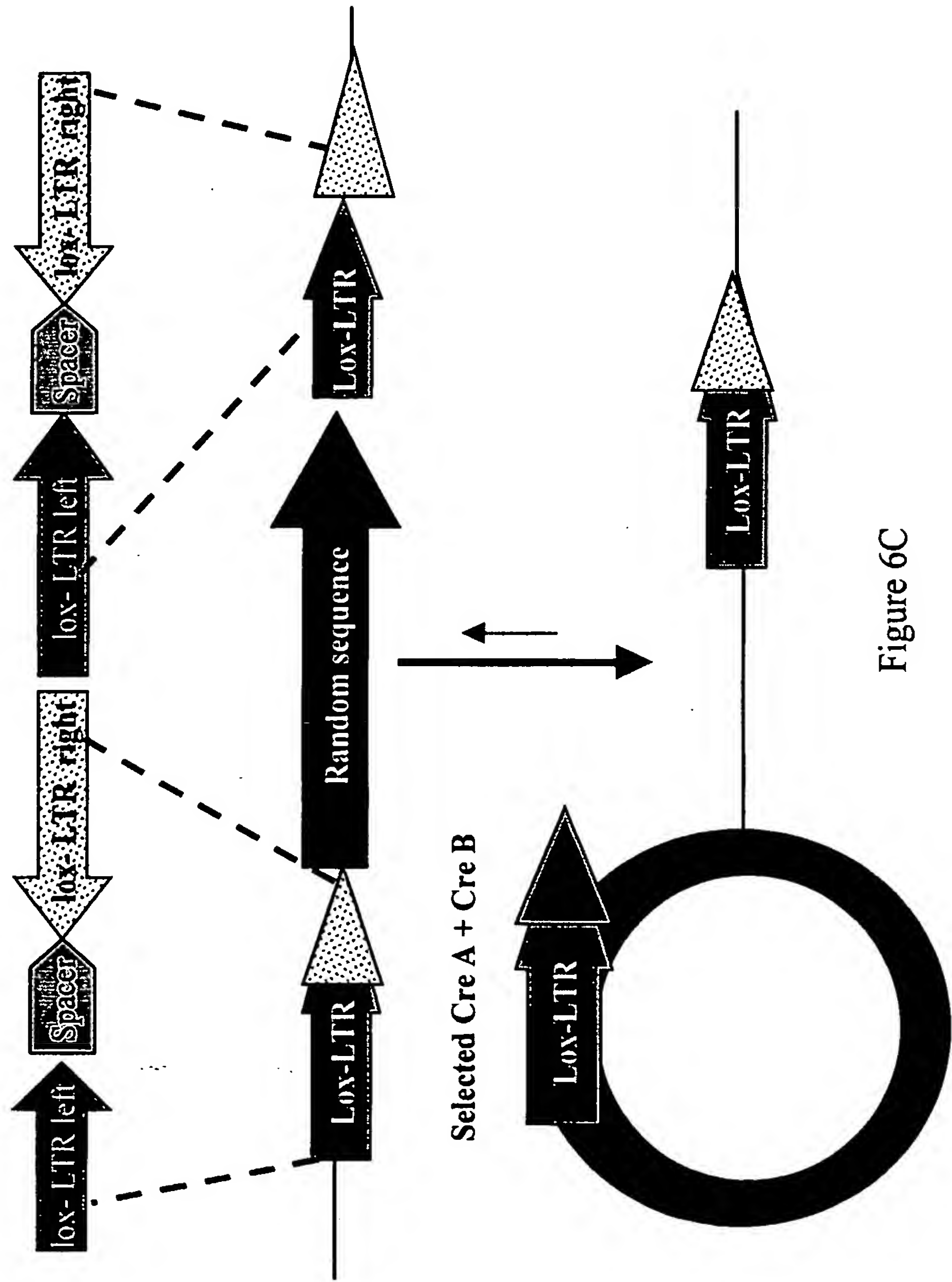


Figure 6C